# (19) World Intellectual Property Organization International Bureau





(43) International Publication Date 1 August 2002 (01.08.2002)

**PCT** 

# (10) International Publication Number WO 02/058488 A3

- (51) International Patent Classification7: 1/304, A61K 31/195
- A23L 1/30,
- (21) International Application Number: PCT/NL02/00062
- (22) International Filing Date: 28 January 2002 (28.01.2002)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

09/769,245

26 January 2001 (26.01.2001) US

- (71) Applicant (for all designated States except US): N.V. NU-TRICIA [NL/NL]; P.O. Box 1, NL-2700 MA Zoetermeer (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): STOUT, Jeffrey, Ray [US/US]; 6111 Broken Sound Parkway NW, Boca Raton, FL 33847 (US). SMEETS, Rudolf, Leonardus, Lodewijk [NL/NL]; Uiverstraat 14, NL-5912 TD Venlo (NL). VERLAAN, George [NL/NL]; Rietveldlaan 16, NL-6708 SB Wageningen (NL). STEENGE, Geesien, Roelien [NL/NL]; Stuyvesanthof 19, NL-6828 RC Arnhem (NL).
- (74) Agent: JORRITSMA, Ruurd; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

- (81) Designated States (national): AE. AG. AL. AM, AT. AU. AZ. BA. BB. BG. BR, BY, BZ. CA. CH. CN. CO. CR. CU. CZ. DE. DK. DM, DZ. EC. EE. ES. FI. GB. GD. GE. GH. GM. HR. HU. ID. IL. IN. IS. JP. KE. KG. KP. KR. KZ. LC. LK, LR, LS. LT. LU. LV. MA. MD. MG. MK. MN. MW. MX. MZ. NO. NZ. OM. PH. PL. PT. RO. RU. SD. SE. SG. SI. SK. SL. TJ. TM. TN. TR. TT. TZ. UA. UG. US. UZ. VN. YU. ZA. ZM. ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 21 November 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

058488 A

(54) Title: COMPOSITION CONTAINING CREATINE AND PHOSPHORUS

(57) Abstract: The invention discloses a composition comprising (a) soluble creatine, (b) a phosphorus supplement, wherein the phosphorus supplement provides at least 75 % of the recommended daily dose of phosphorus value per serving, and (c) a blood buffer, which is preferably citrate and/or (bi)carbonate. The composition is used in a method for increasing the energy capacity within tissue cells.

### INTERNATIONAL SEARCH REPORT

PCT/NL 02/00062

CLASSIFICATION OF SUBJECT MATTER IPC 7 A23L1/30 A23L A23L1/304 A61K31/195 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K A23L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS C. DOCUMENTS CONSIDERED TO BE RELEVANT Category \* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. WO OO 74500 A (HOWARD FOUNDATION ; HARRIS 1-3,5,X 10,12, ROGER CHARLES (GB); HOWARD ALAN NORMAN () 16-19 14 December 2000 (2000-12-14) example 2 WO 98 43499 A (CAVAZZA CLAUDIO) 1-3,5,9,X 8 October 1998 (1998-10-08) page 11, line 4-19; claims 1,9 GB 993 125 A (CFMC) 1-21 Α 26 May 1965 (1965-05-26) claims 1-3; example 1 Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the arr which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-O document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means \*P\* document published prior to the International filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 18/09/2002 11 September 2002 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5618 Patentlaan 2 NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016 Uhl, M

### INTERNATIONAL SEARCH REPORT

PCT/NL 02/00062

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0074500	A	14-12-2000	US	6168802 B1	02-01-2001
			US	6274161 B1	14-08-2001
			ΑU	5091300 A	28-12-2000
			BR	0011244 A	05-03-2002
			CN	1356876 T	03-07-2002
			ΕP	1180944 A1	27-02-2002
			WO	0074500 A1	14-12-2000
			GB	2351648 A	10-01-2001
			NO	20015849 A	28-01-2002
			US	2002001611 A1	03-01-2002
WO 9843499	Α	08-10-1998	IT	RM970185 A1	01-10-1998
			ΑT	202675 T	15-07-2001
			ΑU	729412 B2	01-02-2001
			ΑU	6746298 A	22-10-1998
			ВR	9807905 A	22-02-2000
			CN	1251496 T	26-04-2000
		•	DE	69801047 D1	09-08-2001
			DE	69801047 T2	31-10-2001
			DK	973415 T3	24-09-2001
			EP	0973415 A2	26-01-2000
			ES	2159179 T3	16-09-2001
			WO	9843499 A2	08-10-1998
			JP	2001517085 T	02-10-2001
			PT	973415 T	30-10-2001
			SK	134999 A3	16-05-2000
			US	6245378 B1	12-06-2001
GB 993125	Α	26-05-1965	US	3114674 A	17-12-1963

THIS PAGE BLANK (USPTO)